

The schematic diagram illustrates a fluid control system. A main reservoir (34) is connected to a central manifold (81) via a line (82). The manifold (81) branches into three parallel lines (9, 9', 9'') leading to three separate fluid reservoirs (19, 19', 19''). Each reservoir contains a vertical tube (38) and a float valve (31). The reservoirs are connected to a common outlet line (35) which leads to a pump (P) and a filter (80). A pressure sensor (AP) is connected to the line (82) between the manifold (81) and the reservoirs. A control unit (86) is connected to the pressure sensor (AP). The system is designed to deliver fluid from the main reservoir (34) through the manifold (81) to the three parallel reservoirs (19, 19', 19'') and then to the pump (P) and filter (80).

FIG. 2

FIG. 3

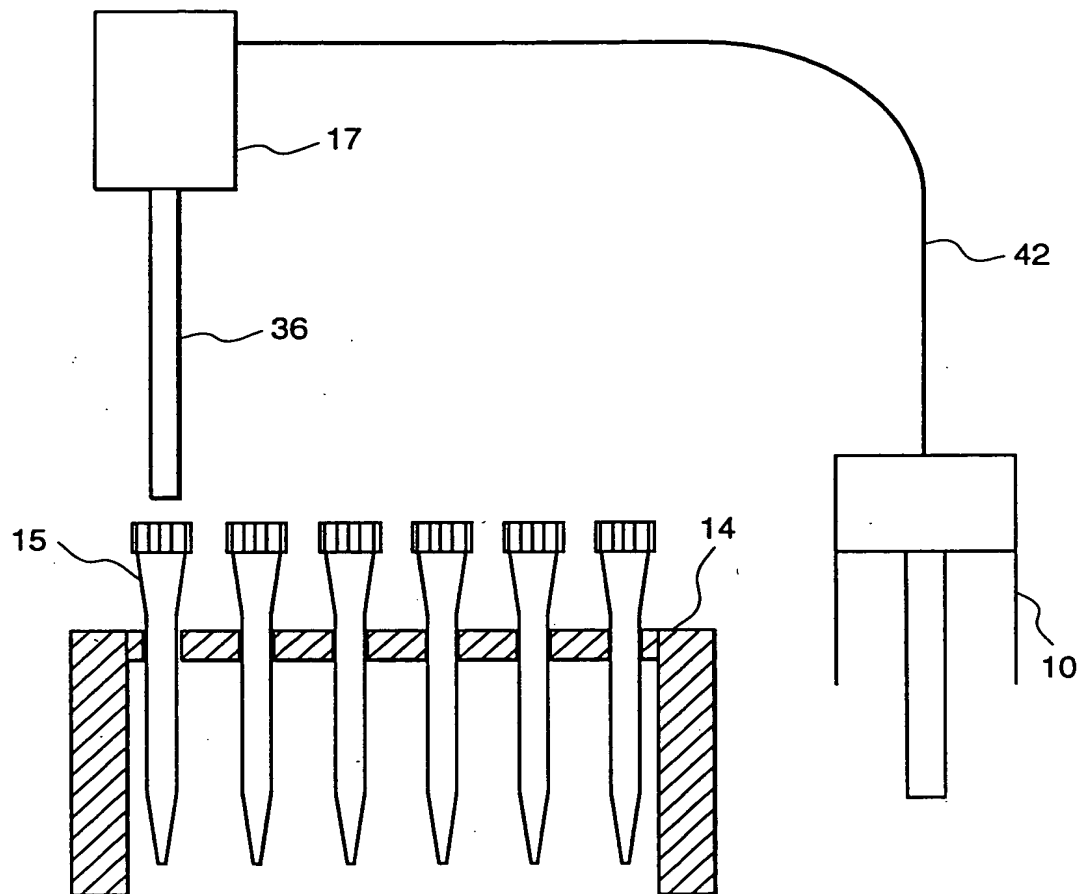


FIG. 4

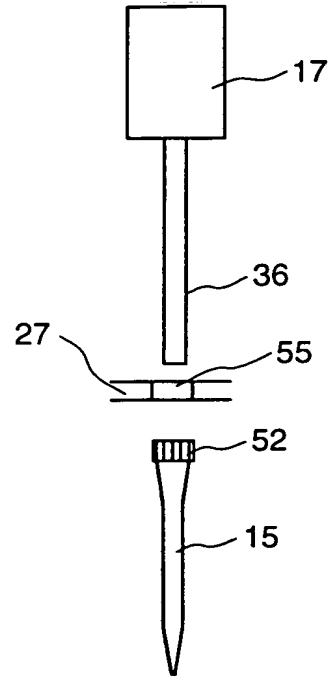


FIG. 5

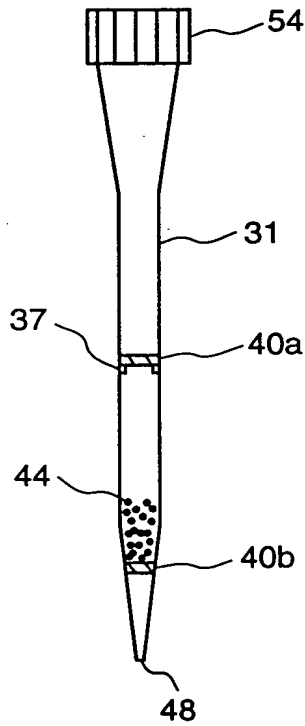


FIG. 7

